

### **WHAT IS CLAIMED IS:**

1. An isolated nucleic acid molecule comprising the nucleic acid sequence of SEQ ID NO: 1.
2. An isolated nucleic acid molecule comprising nucleotides 46 to 2742 of SEQ ID NO: 1.
3. An isolated nucleic acid molecule comprising a nucleic acid sequence encoding an amino acid sequence selected from the group consisting of amino acids 163 to 223 of SEQ ID NO: 2, amino acids 232 to 348 of SEQ ID NO: 2, amino acids 246 to 295 of SEQ ID NO: 2, amino acids 372 to 389 of SEQ ID NO: 2, amino acids 495 to 598 of SEQ ID NO: 2; and amino acids 817 to 897 of SEQ ID NO: 2.
4. An isolated nucleic acid molecule comprising a nucleic acid sequence encoding amino acids 26 to 898 of SEQ ID NO: 2.
5. An isolated nucleic acid molecule comprising a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 2.
6. An isolated nucleic acid molecule consisting of the nucleic acid sequence of SEQ ID NO: 1.
7. An isolated nucleic acid molecule consisting of nucleotides 46 to 2742 of SEQ ID NO: 1.
8. An isolated nucleic acid molecule consisting of a nucleic acid sequence encoding an amino acid sequence selected from the group consisting of amino acids 163 to 223 of SEQ ID NO: 2, amino acids 232 to 348 of SEQ ID NO: 2, amino acids 246 to 295 of SEQ ID NO: 2, amino acids 372 to 389 of SEQ ID NO: 2, amino acids 495 to 598 of SEQ ID NO: 2; and amino acids 817 to 897 of SEQ ID NO: 2.
9. An isolated nucleic acid molecule consisting of a nucleic acid sequence encoding amino acids 26 to 898 of SEQ ID NO: 2.
10. An isolated nucleic acid molecule consisting of a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 2.